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110,000 pph
Low NOx, 750 psig / 750 F
Trailer-Mounted Superheat Boiler

Nationwide Boiler's low NOx 110,000 pph, 750 psig design (350-650 psig operating) / 750 F superheated steam trailer-mounted Babcock & Wilcox package watertube boiler is set to burn natural gas or future #2 oil. It is fully piped and wired and includes the following components:

- Low NOx Burner
- Burner Management System
- EconoStak Economizer
- Fully Metered Combustion Controls
- Forced Draft Fan, Motor & Starter / VFD
- Complete Fuel Train & Pilot Ignition System
- Water Column & Site Glass
- Steam Pressure Gauge
- Low-water Cutoffs
- Safety Valves
- Pre-piped Feedwater Stop & Check Valves
- Pre-piped Blowdown Valves
- Continuous Blowdown Metering Valve
- Chemical Feed Valve
- Steam Non-return Valve (loose)
- Stack (loose)
- Economizer Piping Partially Mounted on Unit
- NEMA 4 Electrical Enclosures
- Weatherproofed (except for freezing)
- Meets FM, NFPA 85 & IRI Insurance Standards
- Operating Manuals and Drawings on CD
- CataStak™ SCR System for 5 ppm NOx (optional)



Fuel Consumption:

Natural Gas: 156,000 SCFH @ 15 psi regulated

Connection Sizes:

Main Steam: 8"-600# FLG
 Natural Gas: 4"-150# FLG
 Feedwater: 3"-600# FLG
 Bottom Blowdown: 1½"-600# FLG
 Continuous Blowdown: 1"-600# FLG
 Chemical Feed: ½"-600# FLG
 Instrument Air: ¾" NPT
 Water Column Drain: ¾" NPT

Electrical Power Service Requirements:

480 VAC, 3 ph, 60 hz, 400 AMPS

Dimensions & Weights:

Length: 30' 5" (boiler only)
 Width: 11' 11½" (installed)
 Height: 40' 0" (installed with economizer)
 Shipping Weight: 219,800 lbs (with trailer)
 Operating Weight: 170,000 lbs (boiler only)

Emissions Data (natural gas):

	<u>Without SCR</u>	<u>With SCR</u>	<u>Without SCR</u>
NOx (corr. to 3% O ₂):	80 ppm	5 ppm	30 ppm*
CO (corr. to 3% O ₂):	50 ppm	50 ppm	50 ppm

*Capacity derated to 95,000 pph

Ask About Our **Green Solutions**



42400 Christy Street / Fremont, CA 94538 / (510) 490-7100 / www.nationwideboiler.com / info@nationwideboiler.com

True Nationwide Coverage & Beyond. Representatives Located Worldwide.

* Actual Equipment may differ from listed specification. Please consult Nationwide Boiler Inc. for additional details.

